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18(5)

SOV/128-59-5-1/35

AUTHOR: Ivanov, D.P., Doctor of Technical Sciences

TITLE: Ways of Labor-Saving in the Foundry Industry

PERIODICAL: Liteynoye Proizvodstvo 1959, Nr 5, p 1 (USSR)

ABSTRACT: During the 21st Party Congress greater efficiency was called for in the foundry industry, the output of white metal, iron and steel castings shall be increased to 21 million tons in 1965, which means 10% more than in the last 10 years in the United States. This can be achieved if the average capacity of a foundry is increased from 4000 to 9000 tons. In order to meet this demand, more than a thousand small foundries have to be closed. Instead of manual production 90% of all foundries have to convert to complex-mechanization and automation. With the assistance of science and new techniques the working time for one annual ton of casting shall be reduced from 77 to 46 hours by 1965. Special attention has to be paid to the automation of molds in the foundries. In order to

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Ways of Labor-Saving in the Foundry Industry SOV/128-59 5-1/35

fulfill this plan, the number of the foundry workers will increase by 100 000 members. For this reason the education of the rising generation of technicians is an important task.

Card 2/2

18(5,7)

AUTHOR:

Ivanov, D.P., Doctor of Technical Sciences SOV/128-59-9-1/25

TITLE:

Reconstruction of the Foundry Industry - One of the Main Objectives of the Seven-Year Plan

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 9, p 1 (USSR)

ABSTRACT:

At the June Plenum of the Central Committee of the Communist Party of the USSR, N.S. Khrushchev particularly emphasized the necessity of introducing in foundry production of automation and mechanization. He stressed the fact that up to the present time the volume of manual labor used in foundry work remains almost on the same level as it was forty years ago. He recommended, first and foremost, to introduce and develop on a large scale the modern methods that are used elsewhere, such as pressure die casting, powder metallurgy, and other methods of precise casting. The June Plenum has decided to do everything possible in order to bring, in 1960, production of castings manufactured by these new methods to 2 million tons, and in 1965 - to 5.7 million tons or 25-30% of the total volume of castings produced in the USSR. The

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Reconstructions of the Foundry Industry - One of the Main Objectives of the Seven-Year Plan

SOV/128-59-9-1/25

moulding machines are to be mechanized, the finishing must be done and judged with the aid of precise instruments. In this section, mechanization must be brought to 90% of the total production of castings. During the period between the 20th and 21st Congresses of the CPSU, the volume of manufactured casting machines was increased 2-3 times, but their number is still insufficient and the quality is not always satisfactory. The Plenum also stressed the importance of a proper organization among the constructors, mechanics, fitters and locksmiths in respect of an adequate training in operating modern casting machinery.

Card 2/2

IVANOV, D. P.

PHASE I BOOK EXPLOITATION

SOV/4718

Sovremennoye sostoyaniye i napravleniya razvitiya tekhnologii mashinostroyeniya i priborostroyeniya (Present State of the Manufacturing Processes in the Machine and Instrument Industries and Trends for Development) Moscow, Mashgiz, 1960. 563 p. 5,000 copies printed.

Ed.: Anatoliy Nikolayevich Gavrilov, Doctor of Technical Sciences, Professor; Managing Ed. for Literature on Machine Building and Instrument Construction (Mashgiz): N.V. Pokrovskiy, Engineer; Ed. of Publishing House: G.F. Kochetova, Engineer; Tech. Eds.: V.D. El'kind and A.Ya. Tikhonov.

PURPOSE: This book is intended for technical and scientific personnel in the machine and instrument industries and for students and teachers of schools of higher education.

COVERAGE: The book deals with current theory and practice in the manufacturing processes of the machine and instrument industries and includes discussions on trends for development. The physical nature of the processes and their technical-economic features and possibilities are considered. Particular attention is given to new and progressive processing (supersonic machining, electric machining, cold pressworking, precision casting, precision pressing, new methods of welding, etc.). The book consists of papers presented at the All-Union

Card 1/11

Present State (Cont.)

SOV/4718

~~APPROVED FOR RELEASE: 08/10/2001~~ ~~CIA-RDP86-00513R000619020016-6~~
The book is a collection of papers presented at the All-Union Conference on "Advanced Machine and Instrument Manufacturing Processes," held in 1958. The papers have been revised in the light of recent developments in the field. A chapter is devoted to the automation and mechanization of the industry. Soviet and non-Soviet references accompany some of the chapters.

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Present State (Cont.)

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~~Card 4/11~~

LANDA, Aleksandr Fedorovich, prof., doktor tekhn.nauk; IVANOV, D.P., doktor tekhn.nauk, retsenzent; BEYYER, Yu.V., inzh., red.; GORDEYEVA, L.P., tekhn.red.

[Principles of the production of high quality cast iron; composition, structure, heat treatment] Osnovy polucheniia chuguna povyshennogo kachestva; sostav, struktura, termoobrabotka. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 237 p. (MIRA 13:9)
(Cast iron--Metallurgy)

BUGACHEV, V.M., kand.tekhn.nauk, red.; IVANOV, D.P., doktor tekhn.nauk, nauchnyy red.; RABINOVICH, B.V., kand.tekhn.nauk, nauchnyy red.; MARIYENBAKH, L.M., doktor tekhn.nauk, nauchnyy red.; KRESHCHANOVSKIY, N.S., kand.tekhn.nauk, nauchnyy red.; SMIRNOVA, G.V., tekhn.red.

[Foundry practice; research and experiments] Liteinoe proizvodstvo; nauchno-issledovatel'skie i opytnye raboty. Trudy Vsesoiuznogo soveshchaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 250 p. (MIRA 13:10)

1. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Liteynaya sektsiya.
(Founding)

VASHCHENKO, K.I.; IVANOV, D.P.

"Science of metals" [in Czech] by F.Pisek. Reviewed by K.I.
Vashchenko, D.P.Ivanov. Lit.proizv. no.2:48 F '60.

(Metals) (Pisek, F.)

(MIRA 13:5)

IVANOV, D.P.

Over-all mechanization and automatization of founding. Idt. proizv.
no.11:1 N '60. (MIRA 13:12)

(Founding)

(Automatic control)

IVANOV, D.P. doktor tekhn.nauk

Twenty-Seventh World Congress of Foundrymen. Lit. proizv. no. 12:1-
4 D '60. (MIRA 13:12)

(Founding--Congresses)

GORTSAKALYAN, L.O., inzh.; IVANOV, D.P., inzh.; BELYAKOV, S.A.

Exchange of experience of the enterprises of economic councils.
Torf. prom. 37 no.5:35-37 '60. (MIRA 14:10)

1. Kalininskiy torfyanoy institut (for Gortsakalyan). 2. Torfopredpriyatiye "Naziya" (for Ivanov). 3. Leningradskoye upravleniye Glavtorffonda (for Belyakov).
(Peat machinery)

YUKALOV, Ivan Nikanorovich; IVANOV, D.P., red.; ULANOVSKIAYA, I.A.,
red. izd-va; KLEYMAN, M.R., tekhn. red.

[Steel and cast iron for enameling] Stal i chuguny dlia
emalirovaniia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry
po chernoi i tavetnoi metallurgii, 1961. 118 p.

(MIRA 14:5)

(Enamel and enameling) (Steel) (Cast iron)

PISHCHEV, Vasily Mikhaylovich; BERG, P.P., zasl. deyatel' nauki i tekhniki, doktor tekhn. nauk, prof., retsenzent; IVANOV, D.P., doktor tekhn. nauk, retsenzent; MITIN, V.I., red.; KARASEV, A.I., tekhn. red.

[Ingot molds for the centrifugal casting of pipes] Izlozhnitsy dlia tsentrobezhnogo lit'ia trub. Moskva, Gos. nauchno-tekhn. izd-vo litry po chernoi i tsvetnoi metallurgii, 1961. 222 p. (MIRA 14:10)
(Centrifugal casting) (Ingot molds)

BOGACHEV, I.N.; DUBININ, N.P.; YEGORENKOV, I.P.; ZHUKOV, A.A.; IVANOV, B.G.;
IVANOV, D.P.; MARIYENBAKH, L.M., doktor tekhn. nauk, prof.; MINAYEV,
I.M.; ROZENFEL'D, S.Ye.; SIDEL'NIKOV, S.V.; SOSHENKO, M.N.; YUKALOV,
I.N.; YUDIN, S.B.; RUBTSOV, N.N., doktor tekhn. nauk, prof., red.;
CHERNYAK, O.V., inzh., red. izd-va; MODEL', B.I., tekhn. red.

[Founding handbook; iron founding] Spravochnik liteishchika; chugunnee
lit'e. Pod obshchei red. N.N. Rubtsova. Moskva, Mashgiz, 1961. 774 p.
(MIRA 14:12)

(Iron founding)

IVANOV, D.P.

Automatic "Buehrer" Plant. Lit. proizv. no. 2:41-46 F '61.

(MIRA 14:4)

(Foundries—Equipment and supplies) (Automation)

IVANOV, D.P.

Primary factors of structure formation and the quality of cast
iron. Lit.proizv. no.9:1-6 S '62. (MIRA 15:11)
(Cast iron---Metallography)

SHESTOPAL, V.M., doktor tekhn. nauk; BERRI, L.Ya., doktor ekon.
nauk, retsenzent; ZUYEV, V.M., inzh., retsenzent; IVANOV,
D.P., doktor tekhn. nauk, retsenzent; KRYLOV, V.I., inzh.,
red.; BARYKOVA, G.I., red.izd-va; SMIRNOVA, G.V., tekhn.
red.

[Specialization and the design of foundry shops and plants]
Spetsializatsiia i proektirovanie liteinykh tsekhov i zavo-
dov. Moskva, Mashgiz, 1963. 223 p. (MIRA 16:10)
(Foundries)

IVANOV, D.P., doktor tekhn. nauk, red.; OKROMESHKO, N.V., inzh.
red.

[Main objectives in the expansion of foundry practices and
the improvement of their specialization; transactions] Os-
novnye zadachi razvitiia liteinogo proizvodstva i uluch-
sheniia ego spetsializatsii; trudy. Moskva, Mashgiz, 1963.
250 p. (MIRA 17:5)

1. Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po li-
teynomu proizvodstvu. 16th.

IVANOV, D.P.

The 19th All-Union Scientific and Technical Conference on
Founding. Lit. proizv. 5:1. My '64. (MIRA 18:3)

VERTMAN, A.A.; IVANOV, D.P.; SAMARIN, A.M.; FILIPPOV, Ye.S.

Changing the density of liquid cast iron by isothermal holding.
Lit.proizv. no.10:30-32 0 '64. (MIRA 18:4)

LAMASOV, A.A.; OSTROV, Ye.I.; IVANOV, D.P., doktor tekhn. nauk,
retsenzent; KOMAROV, L.Ye., kand. tekhn. nauk, red.

[Casting gray cast iron parts for motor vehicles; practice
of the Likhachev Automobile Plant] Proizvodstvo avtomobil'-
nykh otlivok iz serogo chuguna; iz opyta ZILa. Moskva, Izd-
vo "Mashinostroenie," 1964. 143 p. (MIRA 17:8)

BOGDANOV G.N.; VINOGRADOV, Yu.G.; IVANOV, D.P.; KOGAN, L.B.

Increasing the resistance of cast iron chills. Lit. proizv. no.12:
24-26 D. 194. (MIRA 18:3)

MAKSIMOV, V.I., dotsent; IVANOV, D.P., student.

Peuch seam in prolapse of the vagina in animals. Veterinaria
32 no.2:66-68 F '55. (MLRA 8:3)

1.Vitebskiy veterinarnyy institut.
(VETERINARY SURGERY) (VAGINA--SURGERY)

USSR / Farm Animals. Swine

Q-4

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12125

Author : Ivanov D. P.

Inst :

Title : The Importance of Complete Rations for Sows with Young (Znachenie polnotsennosti ratsionov dlya suporosnykh matok)

Orig Pub: Svinovodstvo, 1957, No 2, 27-31

Abstract: Experiments demonstrated that an increase in the winter rations, for sows with young, of the protein content by 16%, calcium by 15%, carotene 4.7 times and, respectively, in the summer (protein and calcium content) - by 24 and 7%, under identical conditions of total nutritive value, as well as substitution of animal proteins for vegetative ones, produces considerable improvement in the fertility of

Card 1/2

USSR / Farm Animals. Swine

Q-4

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12125

Abstract: sows, and in the development and growth of the
young generation.

Card 2/2

33

USSR/Farm Animals. Swine

Q-3

Abstr Jour : Ref Zhur - Biol., No 8, 1958, No 35691

Author : Iyancov D.F.

Inst : ~~Not Given~~ *Biologicheskoy Nauchno-Issledovatel'skoy Zhivotnovodstva.*

Title : The Influence of the Method of Watering Nursing Sows on the Growth and Survival of the Suckling Pigs (Vliyaniye rozhnits poyeniya podsochnykh svinechok na rost i sokhranenyost' porosyat)

Orig Pub : Veterinariya, 1957, No 7, 76-79

Abstract : One group of nursing sows had permanent access to drinking water, beginning from the 6th day after farrowing and up to the weaning period; another group was supplied with water three times a day between feedings. The difference in the average live weight of the young pigs at 15 days and one month of age was 10-13% in favor of the first group. The average daily weight gain during the suckling period in pigs of the first group was found to be higher by 11-12%.

Card : 1/1

ALIKAYEV, V.A.; IVANOV, D.P.; NIKOL'SKAYA, M.N.

Use of iron glycerophosphate for the prevention and treatment of
anemia in suckling pigs. Veterinarila 39 no.1:57-59 Ja '63.
(MIRA 16:6)

1. Moskovskaya veterinarnaya akademiya.
(Iron--Therapeutic use) (Anemia) (Swine--Diseases and pests)
(Phosphorus--Therapeutic use)

TREFILOV, A.A.; IVANOV, D.P., veterinarnyy vrach; KRUGLIKOV, B.P.; VOVK, A.M.,
mladshiy nauchnyy sotrudnik; VEGLINA, M.P., veterin.vrach; BULATOV, Ya.P.

Veterinary preparations and equipment. Veterinariia 41 no.3:94-104
Mr '64. (MIRA 18:1)

1. Nachal'nik otdela zooveterinarnykh tovarov Soyuznogo tresta po
snabzheniyu sel'skogo khozyaystva veterinarno-zootekhnicheskim
oborudovaniyem, instrumentariyem i medikamentami (for Trefilov).
2. Ministerstvo sel'skogo khozyaystva Belorusskoy SSR (for Ivanov).
2. Zaveduyushchiy khimicheskim otdelom Ivanovskoy oblastnoy veterinar-
noy laboratoriyey (for Bulatov). 4. Zaveduyushchiy radiologicheskim
otdelom Ivanovskoy oblastnoy veterinarnoy laboratoriyey (for Kruglikov).
5. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinarii (for Vovk).

IVANOV, D.P.

Histochemical studies on the cholinesterase in the ganglions
of the vegetative nervous system in mammals and man. Izv
Inst morf BAN 9/10:233-251 '64.

NIKOL'SKAYA, M.N.; IVANOV, D.P.

Toxicity of some iron preparations. Veterinaria 41 no.2:67-69
F '65. (NIRA 18:3)

IVANOV, D.S., inzhener; GOLOVLEV, D.I., inzhener.

Simplified method for pegging out fills and excavations. Avt.dor.
19 no.12:27-28 D '56. (MIRA 10:10)

(Roads--Surveying)

TAVROVSKIY, V.A.; IVANOV, D.U.; KORNILOV, N.A.

First results of reacclimatizing sables in the southern and
eastern regions of Yakutia. Trudy Inst.biol.IAFAN SSSR no.4:
3-49 '58. (MIRA 11:11)
(Yakutia--Sables)

IVANOV, David Vasil'yevich; SHCHEGLOV, Valentin Fedorovich;
RVANIN, Rostislav Vasil'yevich; USANOV, P.A., red.;
KIMMEL', L.S., red. izd-va; SHIEKOVA, R.Ye., tekhn.red.

[Automation of sorting devices and bundle making machines for
lumber] Avtomatizirovannye sortirovochnye ustroistva i paketo-
formiruiushchie mashiny dlia pilomaterialov. Moskva, Gosles-
bumizdat, 1963. 67 p. (MIRA 16:6)
(Lumbering--Machinery)

The image shows a microfiche card with a document snippet. The card has a grid of frames along its edges, labeled "COMMON ELEMENTS" on the left, "COMMON VARIABLES INDEX" on the right, "COMMON FLUENTS" at the top, and "COMMON METALS INDEX" at the bottom. The central frame contains the following text:

15

B IVANOV, D. V.

Increasing the Sensitivity of the Determination of Elements in Flames. (In Russian.) D. W. Ivanov. Zavodskaya Laboratoriya (Factory Laboratory), v. 14, Sept. 1948, p. 1136-1138.

Describes attempts to increase the spectral sensitivity of an acetylene-air flame by passing through it the discharge of a high-voltage a.c. arc current. This method is said to be applicable to qualitative analysis but quantitative application requires further development.


Below the main text, there are two horizontal bars with labels: "ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION" and "ZAVODSKAYA LABORATORIYA". At the very bottom, there is a row of small letters: "A B C D E F G H I J K L M N O P Q R S T U V W X Y Z".

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APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619020016-6"

IVANOV, E. .

IVANOV, E. Radio receiver without vacuum tubes. p. 62. Vol. 5, no. 10, 1957
ELEKTROENERGIJA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

IVANOV, E.

Scientific Technical Conference on Production of Stockings.
Tekstilna prom 10 no.5:38-39 '61.

IVANOV, E.

News in the textile machine building at the 21st International
Sample Fair, Plovdiv. Tekstilna prom 13 no.6:37-43 '64.

LUMBAROV, Stefan, inzh.; IVANOV, Em'o

Increasing the size of bobbins by unifying the shuttles of the looms
for woolen fabrics. Tekstilna prom 11 no.4:39-40 '62.

IVANOV, E., inzh., n. suhr.

Modern concepts of the form, dimensions, and rotation of the earth. Priroda Bulg 11 no.5:30-33 S-0 '62.

1. Bulgarska akademiia na naukite.

IVANOV, E.; POSTNIKOVA [translator]; GANCHEV, G. [translator]

Vertical profile of the relief determined by mathematical
statistics. Izv geod BAN no.4:105-114 '63.

IVANOV, E.; POSTNIKOVA [translator]; GANCHEV, G. [translator]

Drawing out of the area of topographic (physical) surface
after a map with isohypses. Izv geod BAN no.4:115-122 '63.

DIMITROV, I., inzh.; IVANOV, Em., inzh.

Unification of the gearboxes of the class 0,9-ton tractors.
Racionalizatsiia' 13 no.1:30-33 '63.

IVANOV, Em.; TINTEROVA, Zdr.; BOIADZHEV, Em.

Biochemical characteristic of atherosclerosis, and its relation
to nutrition. Izv Inst khranene BAN 3:113-126 '64.

MARTALCGU, N.; IVANOV, E.; FLOSTINARU, D.

The coulomb excitation of Ta^{181} with protons of 5,5 and 6,5 MeV.
Studii cerc fiz ll no.2:273-284 '60. (EEAI 10:1)
(Protons) (Particle accelerators)
(Coulomb functions) (Tantalum)

S/058/62/000/008/018/134
AO61/A101

AUTHORS: Martalogu, N., Ivanov, E., Ploștinaru, D., Vlăcov, N.

TITLE: Sn^{115} energy levels excited by the (p, n) reaction on In^{115}

PERIODICAL: Referativnyi zhurnal, Fizika, no. 8, 1962, 39, abstract 8B282
(Rev. phys. Acad. RPR, 1961, v. 6, no. 3, 427 - 430, English)

TEXT: A NaI(Tl) crystal (4x4 cm) scintillation spectrometer was used to analyze the gamma-ray emission from an indium target (95.8% In^{115}) bombarded by 5.5 - 6.5 Mev protons. Two gamma lines with 113 and 497 kev were singled out in the gamma-ray spectrum. The formation cross section and the excitation function of 497-kev gamma radiation were measured for 4.9 - 6.3 Mev energies. In keeping with results the conclusion is reached that 497-kev as well as 113-kev gamma rays correspond to transitions between the Sn^{115} nuclear energy levels excited by the (p, n) reaction. A diagram of the first two excited levels of Sn^{115} nucleus is given.

[Abstracter's note: Complete translation]

Card 1/1

IVANOV, E.; MARTALOGU, N.; PLOSTINARU, D.; ALEVRA, A.; DUMITRESCU R.

Cascade transition from excitation to primary state of Sn^{115}
obtained in the reaction $\text{In}^{115}(\text{p},\text{n})$. Studii cerc fiz 13 no.4:
675-686 '62.

1. Institutul de fizica atomica, Bucuresti.

IVANOV, E.

The work of the Technical Propaganda Cabinet at the Vela Piskova State Industrial Enterprise.

P. 63, (Lika Promishlenost) Vol. 6, no. 1, 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

IVANOV, E.

Conference of front-rankers of the Narodna Republika State Industrial
Enterprise in Gabrovo.

P. 37, (Lika Promishlenost) Vol. 6, no. 2, 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

IVANOV, E.

Conference of the front-rankers of the December 23rd State Industrial Enterprise
in Gabrovo. p.30.
(LEKA PROMISHLENOST, Vol. 6, no. 3, 1957 Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

IVANOV, E.

"Dimitur Blagoev State Industrial Enterprise in Kazanluk Two Times Winner in the Socialist Competition."

p. 27 (Elektroenergiia, Vol. 7, No. 3, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,
Nov. 1958

IVANOV, E.

"New machines at the 18th International Sample Fair, 1958 in Plovdiv"

Leka Promishlenost. Tekstil. Sofia, Bulgaria. Vol. 7, no. 10, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

A. IVANOV, L.
DASKALOV, A.; IVANOV, E.

Cytodiagnosis of female genital cancer. Khirurgia, Sofia
9 no.7-8:700-705 1956.

1. Iz TSentralnata klinichna i khematologichna laboratoria
pri ISUL.

(GENITALIA, FEMALE, neoplasms,
cytodiag., review (Bul))

DASKALOV, A.; IVANOV, E.

Cytodiagnosis of the menstrual cycle. Suvrem. med. Sofia 8 no.9:29-35
1957.

1. Iz Tsentralnata klinika i khematologichna laboratoria v ISUL- Sofia.
(MENSTRUATION, physiol.
vaginal cytol. during menstrual cycle)
(VAGINAL SMEARS
cytol. during menstrual cycle)

IVANOV, Em.; BRAILSKI, Kr.

Case of novalgin-induced immuno-agranulocytosis. Suvrem. med., Sofia
8 no.10:106-112 1957.

1. Iz katedrata po vutreshin bolesti sus stomashno-chrevni i chernodrobni
zaboliavania i lechebno khranene pri ISUL (Zav. katedrata: prof. T. A.
Tashev).

(AMINOPYRINE, rel. cpds.

analgin causing agranulocytosis (Bul))

(AGRANULOCYTOSIS, etiol. & pathogen.

analgin (Bul))

ZOGRAFOV, D.; IVANOV, E.

Diagnosis of multiple myeloma and report of three cases of gamma-plasmacytoma. Suvrem. med., Sofia 8 no.11:126-134 1957.

1. Iz Nauchnoizsledovatel'skii onkologichen institut--Sofia (Direktor: Prof. Ves. Mikhailov).
(MYELOMA, PLASMA CELL, case reports,
gamma-plasmacytoma (Bul))

IVANOV, E.A. (Irkutsk)

Oil in Eastern Siberia. Priroda 52 no.6:114 '63. (MIRA 16:6)
(Siberia, Eastern--Petroleum)

ZHUKOVSKIY, A.A., inzh.; IVANOV, E.A., inzh.; FEDOROV, V.F., inzh.

Instrument for the determination of the nonuniformity of
machine performance. Izv.vys.ucheb.zav.; gor.zhur. no.7:
117-120 '60. (MIRA 13:7)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo
dela. Rekomendovana kafedroy obshchey elektrotekhniki
Sverdlovskogo gornogo instituta.
(Machinery, Kinematics of)

IVANOV, E. A.

137-1957-12-24610

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 237 (USSR)

AUTHORS: Fortunatov, A. V., ~~Ivanov, E. A.~~

TITLE: On the Problem of Electro-polishing of Copper in Phosphoric Acid. Report Nr V. A Study of the Surface Quality of Electro-glossed Copper by the Method of Diffused Reflection of Light (K voprosu ob elektropolirovke medi v fosfornoy kislote. Soobshcheniye V. Izucheniye kachestva elektroglyantsovannoy poverkhnosti medi metodom diffuznogo otrazheniya sveta)

PERIODICAL: Uch. zap. Saratovsk. un-t, 1956, Vol 43, pp 47-52

ABSTRACT: The electro-glossed surface of Cu of the M-1 grade was investigated under immersion in H_3PO_4 of specific gravity 1.47 and 1.76, and under different conditions of treatment. It was found that best results are obtained when the bath potential is 8-10 volts and the process lasts for 5-10 minutes. Raising the potential increases the gloss, i.e., the intensity of the mirror reflection. If the traces of the finishing operations on the anode are perpendicular to the motion of the bubbles of liberated O_2 , a "re-finishing" process takes place owing to the action of the bubbles. If the traces are lined up with the motion of the bubbles, smoother and

Card 1/2

137-1957-12-24610

On the Problem of Electro-polishing of Copper in Phosphoric Acid

glossier surfaces are obtained. Increasing the concentration of H_3PO_4 impairs the quality of the surface. The finest surface quality of Cu is obtained by following up the electro-glossing process by a process of electro-polishing the surface under optimal conditions.

V.G.

1. Copper-Electrolytic polishing-Test results
2. Electrolytic polishing

Card 2/2

IVANOV, E. A., SCITOV, VU. I., and GUYAYEV, B. P.

"An Investigation of the Interaction Between the Metal and the Ingot
Mould in the Casting of Steel into Ingots" .

report presented at the 7th Conference on the Interaction of the Casting Mould
and the Casting, sponsored by the Inst. of Mechanical Engineering, Acad. Sci.
USSR, 25-29 January 1961.

REVAZASHVILI, B.I.; IVANOV, E.A.; KULESHOV, Yu.G.

Potentialities for increasing the effectiveness of the flotation
process. TSvet. met. 36 no.5:24-29 My '63. (MIRA 16:10)

IVANOV, E.A., inzh.; REVAZASHVILI, B.I., kand.tekhn.nauk

Using statistical dynamics methods for calculating dynamic characteristics of the flotation process. Izv.vys.ucheb.zav.: gor. zhur. 7 no. 1:154-161 '64. (MIRA 17:5)

1. Institut Kazmekhanobr. Rekomendovana laboratoriyey avtomatizatsii.

REVAZASHVILI, B.I., inzh.; IVANOV, B.A., inzh.; KLUBIN, Ye.P., inzh.

Automatic feeder for reagents. Gor. zhur. no.7:53-54 J1 '64.
(MIRA 17:10)

1. Institut Kazmekhanobr, Alma-Ata.

IVANOV, E.A.; REVAZASHVILI, B.I.

Application of multiple regression for the mathematical description of some technological relationships of the flotation process.
Izv. vys. ucheb. zav., tsvet. met. 7 no.5:143-149 '64
(MIRA 18:1)

1. Kazmekhanobr.

REVAZASHVILI, B.I., kand. tekhn. nauk; IVANOV, E.A., inzh.

Finding the optimal amount of pH in pulp. Gor. zhur. no.8:75
Ag '64. (MIPA 17:10)

1. Institut Kazmekhanobr.

IVANOV, E.A.; VIDINEYEV, L.P.; GINZBURG, E.L.; MAZUR, V.B.

Tectonic development of the lower Paleozoic of the southern
part of the Siberian Platform. Neftgaz. geol. i geofiz. no.
10:12-15 '64 (MIRA 18:1)

1. Gosudarstvennyy trest po geologicheskim izyskaniyam na nef't'
v Vostochnoy Sibiri.

IVANOV, E.A.; ALEKSEYEVA, G.N., mladshiy nauchnyy sotrudnik

Sliver guides of carding machines made from wood laminate.
Tekst. prom. 24 no.10:74-75 O '64. (MIRA 17:12)

1. Nachal'nik otdela fiziko-khimicheskikh issledovaniy
Orlovskogo nauchno-issledovatel'skogo instituta legkogo
mashinostroyeniya (for Ivanov). 2. Otdel fiziko-khimicheskikh
issledovaniy Orlovskogo nauchno-issledovatel'skogo instituta
legkogo mashinostroyeniya (for Alekseyeva).

IVANOV, E.A.; ALEKSEYEVA, G.N.

Shoe part trimming machine with increased wear resistance. Kozh.-
obuv. prom. 7 no. 10:22-24 0 '65 (MIRA 19:1)

IVANOV, E.A.; KARASEVA, V.I.

Tectonics of the Markovo oil-bearing region. Geol. Lett. 1964
8 no.8:36-39 Ag '64. (MIRA 17:8)

L. Gosudarstvennyy trust po geologicheskim issledovaniyam na nef't'
v Vostochnoy Sibiri.

16(1)

AUTHOR: Ivanov, E.G.

SOV/155-58-2-9/47

TITLE: On the Zones of Stability for the Forced Oscillations of Some Nonlinear Systems (O zonakh ustoychivosti dlya vynuzhdennykh kolebaniy nekotorykh nelineynykh sistem)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 2, pp 41-47 (USSR)

ABSTRACT: The author constructs the Lyapunov function for the equation

$$\ddot{x} + 2\mu\dot{x} + F(x) = R \cos \nu t,$$

where $F(x)$ is a polynomial in x and, with the aid of it, in the usual manner he investigates the behavior of stability of the solutions. In a (ν, a) -diagram, where ν is the frequency and a is the amplitude of the solution, he determines the regions corresponding to the stable behavior (zones of stability). The question how far the real region of stability is exhausted thereby completely remains open.

There are 3 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova (Moscow State University imeni M.V.Lomonosov)

SUBMITTED: December 21, 1957

Card 1/1

MELESHKIN, S.M., gornyy inzhener; BERLYAND, S.S., gornyy inzhener;
SIROTKIN, Z.L., inzh.; DENISOV, A.G., inzh.; TERNOVSKIY, G.I., inzh.;
BEKHTEREV, Yu.I., inzh.; ZOTOV, A.V., inzh.; IVANOV, E.I., inzh.;
VASIL'YEV, Ye.A., inzh.; SOLOV'YEVA, L.G., inzh.; D'YACHENKO, V.F.,
inzh.

Replies to V.V. Shan'ko's article "Efficient limits of using
truck haulage in open pits." Gor. zhur. no.1:75-77 Ja '62.

(MIRA 15:7)

1. Gosudarstvennyy nauchno-ekonomicheskii sovet Soveta Ministrov
SSSR (for Meleshkin). 2. Promtransproyekt Gosstroya SSSR (for
Berlyand). 3. Belorusskiy avtozavod (for Sirotkin, Denisov,
Ternovskiy, Bekhterev, Zotov, Ivanov). 4. Gosudarstvennyy
institut po proyektirovaniyu razrabotki rudnykh mestorozhdeniy
v yuzhnykh rayonov SSSR, Khar'kov (for Vasil'yev, Solov'yeva,
D'yachenko).

(Mine haulage)
(Shan'ko, V.V.)

L 2182-66 EWT(m)/EPF(c)/EWP(j) RM

ACCESSION NR: AR5014389

UR/0058/65/000/004/D026/D026

SOURCE: Ref. zh. Fizika, Abs. 4D195

AUTHOR: Korobkov, V. S.; Ivanov, E. I.; Korshunov, A. V.

TITLE: Infrared absorption spectra of ethers

CITED SOURCE: Sb. Spektroskopii. M., Nauka, 1964, 122-123

TOPIC TAGS: diethyl ether, vibration spectrum, ir spectrum

TRANSLATION: Oscillation frequencies in the main bands of the infrared spectra of certain ethers in the $1600-660\text{ cm}^{-1}$ range are presented. In the spectra of diethyl, ethylbenzol and dibenzol ethers the C-O valence bond oscillations are located in the $1060-1150\text{ cm}^{-1}$ range, and in the spectra of anizole, phenetole and guyaquile the C-O bonds are located in the $1230-1270\text{ cm}^{-1}$ region. The C-O valence bond oscillations of the ethers are insensitive to molecular interactions.

SUB CODE: OC, OP

ENCL: 00

Card 1/1

SHUBAROV, K.; IVANOV, Em.; KERKOVSKI, Iv.; GOSPODINOVA, V.

Normal values of beta-lipoproteins. Suvr. med. (Sofia) 16
no.10:607-611 '65.

1. I infektsiozna bolnitsa, Sofia (gl. lekar d-r A. Selektar);
Institut po khranene (direktor - prof. T. Tashev), Bolgarska
akademiia na naukite; Katedra po detski bolesti (rukovoditel -
prof. Br. Bratanov) Institut z spetsializatsiia i usuvur-
shenstvuvane na lekarite, Sofia.

IVANOV, En'o; MINCHEV, Panaiot

How the work is organized at the Georgi Dimitrov State Wool and Textile Combine of Svilen after having introduced the Lovech initiative. Tekstilna prom 12 no.3:3-6 '63.

24.2000

S/563/61/000/217/005/012
D234/D308

AUTHOR: Ivanov, E. P.

TITLE: Propagation of a jet of an electrically conducting liquid in a concomitant stream of the same liquid in a magnetic field

SOURCE: Leningrad. Politekhnnicheskiy institut. Trudy. no. 217, 1961. Tekhnicheskaya gidromekhanika, 95-101

TEXT: The author considers the effect of a hompogeneous magnetic field on the propagation of a plane jet. The velocity vector of the concomitant stream and the intensity vector of the basic magnetic field (H_0) are parallel to the direction of the propagation of the jet. It is first assumed that the jet flows from an infinitely thin slot situated on the oz axis and propagates along the ox axis, H_0 being parallel to the ox axis. An asymptotic

Card 1/2

Propagation of a jet...

S/563/61/000/217/005/012
D234/D308

solution is looked for; a system of equations constituting a first approximation is deduced and solved. Several limiting cases are analyzed. Indications of the solution of the case of an axially symmetrical jet are given. *AB*

Card 2/2

S/563/61/000/217/007/012
D234/D308

AUTHOR: Ivanov, E. P.

TITLE: Theory of jets of an electrically conducting liquid

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy.
no. 217. 1961. Tekhnicheskaya gidromekhanika,
109-114

TEXT: The author transforms the equations of the magnetic boundary layer in absence of magnetic pressure drop ($p_m = \text{const}$) with the aid of Mises's variables. Similar solutions are found for a free submerged jet and for a jet at a plane wall. The case of infinite conductivity of the liquid is analyzed. ✓

Card 1/1

37654

S/124/62/000/005/004/048
D251/D308

26.1410

AUTHOR: Ivanov, E.P.

TITLE: The diffusion of a stream of electroconducting liquid in an active current of the same liquid in a magnetic field

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 2, abstract 5B8 (Tr. Leningr. politekhn. in-ta, 1961, no. 217, 95 - 101)

TEXT: The author considers the linear approximation to the problem of the effect of a homogeneous magnetic field of strength H_0 on the diffusion of a plane axisymmetric stream of electro-conducting liquid in an active current of the same liquid moving with velocity \vec{U} . The problem is solved with the following assumptions: 1) The vectors \vec{U} and H_0 are collinear; 2) Reynold's magnetic number $R_m \ll 1$; 3) The conductivity of the liquid σ is a scalar quantity; 4) The stream flows out from an infinitely thin slit situated on the axis OZ and spreads in the direction OX . In this case, as is wellknown, the stream is identical with the magnetic boundary layer of the

Card 1/2

The diffusion of a stream of ...

S/124/62/000/005/004/048
D251/D308

first kind. After introducing the stream function Ψ and its magnetic analog W ($H_x = dW/dy$, $H_y = d\Psi/dx$) the system of equations of the magnetic boundary layer is integrated in the linear approximation since the solution is brought into the form of asymptotic series for the functions Ψ and W which are assumed convergent. The system of differential equations for the first approximation which the author studies, depends on two parameters $a = \mu H_0^2 / \rho U^2$ and $b = R_m / R$. An analysis of the form of the equations for different values of a and b ($b \rightarrow \infty$, $b = 0$, $a = 0$, $a \geq 1$, $a \rightarrow 1$, $a \rightarrow \infty$ [Abstractor's note: $a \rightarrow \infty$ in the text] is given. From the most interesting results this fact is remarked: with the increase of the ratio of the density of magnetic energy in the stream ($\sim \mu H_0^2$) to its kinetic energy ($\sim \rho U^2$) the breadth of the stream decreases and the velocity along the axis of the stream grows greater. The equations found for $b = 0$ (i.e. for $\sigma' = 0$) coincide with the wellknown results of the theory of the motion of a plane stream of liquid in the absence of a magnetic field. [Abstractor's note: Complete translation].

Card 2/2

10312

S/058/62/000/005/035/119
A001/A101

86.1410

AUTHOR: Ivanov, E. P.

TITLE: Propagation of electroconducting liquid jet in a by-stream of the same liquid in a magnetic field

PERIODICAL: Referativnyy zhurnal, Fizika, no. 5, 1962, 50, abstract 5B395
("Tr. Leningr. politekhn. in-ta", 1961, no. 217, 95-101)

TEXT: The author discusses the effect of a uniform magnetic field on propagation of a plane axial-symmetrical jet of an electroconducting liquid, flowing from an infinitesimal thin slit, in a by-stream of the same liquid. The velocity vector of the by-stream and the vector of the main magnetic field strength are parallel to direction of jet propagation. Several particular cases are considered: case of infinite electric conductivity, case of absence of any magnetic field, etc. The axial-symmetric problem has been solved.

[Abstracter's note: Complete translation]

Card 1/1

38473

S/124/62/000/006/006/023
D234/D308

26.1410

AUTHOR: Ivanov, E. P.

TITLE: Theory of jets of an electrically conducting liquid

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 6, 1962, 6, abstract 6B32 (Tr. Leningr. politekhn. in-ta; 1961, no. 217, 109-114)

TEXT: It is known that an analogy is possible between the motion of a liquid in a magnetic boundary layer of the first kind and the motion of a liquid in a plane electrically conducting jet situated in an external magnetic field. In the paper the author transforms the equation of a magnetic boundary layer in the absence of magnetic pressure drop ($p_m = p + \mu H^2/2 = \text{const}$) with the aid of Miles' variables (ξ and η) and finds two particular cases of similar solutions: 1) Solution for a free submerged jet and 2) solution for a jet next to a plane wall. In the first case the solution has the form $u \approx \theta(\xi)/\xi^{1/3}$, $w \approx \xi^{1/3} \varphi(\xi)$, ξ being equal to $\eta/\xi^{1/3}$.

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S/124/62/000/006/006/023
D234/D308

Theory of jets ...

In the second case $u \sim \theta(\xi)/\xi^{1/2}$, $W \sim \xi^{1/4} \varphi(\xi)$, where $\xi = \eta/\epsilon^{1/4}$ (here W is the magnetic potential, $H_x = \partial W / \partial y$, $H_y = \partial W / \partial x$). The analysis of the solution obtained in the form $u = u(x, y)$ for the case of free submerged jet of a liquid with infinite conductivity shows that: 1) if $a = \mu H^2 / \rho u^2 \rightarrow 0$ one obtains the well-known solution for a free submerged jet in the absence of an external field, 2) the solution exists only if a is not larger than 1, i.e. if the magnetic energy density is less or equal to the density of the kinetic energy of the jet, 3) if $a \rightarrow 1$ the velocity of the jet $u \rightarrow 0$ and the characteristic width of the jet $Y \rightarrow \infty$. An implicit expression for $u = u(x, y)$ obtained in the paper for the case of motion of the jet at a plane wall, goes over at $a \rightarrow 0$ into the well-known Akatnov-Glauert solution (N. I. Akatnov, Prikl. matem. i mekhan., 1960, 24, no. 1, 154-156 - RZhMekh, 1961, 5B405) for a jet at a wall. In contrast with the free submerged jet, at $a \rightarrow 0$ the velocity $u \rightarrow 1$ and the characteristic width of the jet increases indefinitely as before ($Y \rightarrow \infty$). 3 references. /Abstracter's note: Complete translation. 7

Card 2/2

IVANOV, E.P.

Self-simulated jet solutions of the equations of a
boundary layer. Trudy LPI no.230:84-89 '64.

(MIRA 17:6)

AUTHOR IVANOV, E. P.

OKREDETSKAYA ROL V OTCETNO-

"APPROVED FOR RELEASE: 08/10/2001

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APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619020016-6"

ACC NR: AP7002647 (A, N) SOURCE CODE: UR/0413/66/000/023/0193/0123

INVENTOR: Ivanov, P. K.; Ivanov, E. P.

ORG: None

TITLE: A device for changing wheels and subassemblies on aircraft landing gear.
Class 62, No. 153665

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 193

TOPIC TAGS: aircraft landing gear, aircraft tire, aircraft maintenance equipment

ABSTRACT: This Author's Certificate introduces: 1. A device for changing the wheels and subassemblies on aircraft landing gear based on Author's Certificate No. 146654. The unit is designed for changing tire casings directly on the carriage. Two mutually parallel hydraulic cylinders are mounted on the carriage framework perpendicular to the platform. The cylinder rods are reinforced by a support sleeve with an outside diameter equal to the inside diameter of the drum casing. Ribs are used to fasten tie rods to this sleeve for pressing out the drum. The length of these rods exceeds the width of the drum and the height of the sleeve by the distance required for breaking loose the tire casings. 2. A modification of this device designed for breaking loose the tire casings with removal of the check ring. The unit is equipped with a clamp which has a sleeve connected to a pin in the disc through holes in the checking device.

SUB CODE:0/13/ SUBM DATE: 09Jan62

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619020016-6

Card 1/1

IVANOV, E.V.; KRAVTSOV, A.F.

Determination of separate conductors in a multiconductor cable
without damaging their insulation. Geofiz.razv. no.13:150-151 '63.
(MIRA 17:4)

1. IVANOV, F.
2. USSR (600)
4. Time Study
7. "Establishing technological standards in the meat industry." I. D. Eliseyev.
Reviewed by F. Ivanov. Mias. ind., 24, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

IVANOV, F.

Study of the quality of solutions and concrete with an increased addition of
chlorine salts. p. 23.

(STROITELSTVO. Vol. 1, No. 9/10, 1954)

SO: Monthly List of East European Accession, (EEAL), Vol. 4, No. 9,
Sept. 1955, Uncl.

IVANOV, Fedor Anisimovich

[Obtaining 558 centners of milk per 100 hectares of farm land; practices of the "Leninskii put'" Collective Farm, Volosovo District] 558 tsentnerov moloka na 100 hektarov sel'skokho-
ziaistvennykh ugodii (iz opyta kolkhoza "Leninskii put'" Volo-
sovskogo raiona). Lenizdat, 1958. 49 p. (MIRA 12:4)
(Dairying)

IVANOV, F., inzhener (gorod Novosibirsk).

Reproduction and clipping device. Grazhd.av. 13 no.9:4 S '56.
(Photography, Aerial) (MLRA 9:11)

IVANOV, F., general-leutenant aviatsii

Reconnaissance training for every crew. Av.i kosm. 45 no.7:60-
64 '62. (MIRA 15:8)
(Aeronautics, Military--Observations)

IVANOV, F.A.

Superposition group. Part 1. Uch. zap. IGU no.271:70-82 '58.
(MIRA 12:5)

(Groups, Theory of)